SERVICE MANUAL

STEREO CAR CD CHANGER SYSTEM

BASIC CD MECHANISM: 8ZG-3 RNF

• Replace this Service Manual with "Revision Publishing" when it is issued.



ELECTRICAL MAIN PARTS LIST - 1/3

NOTE: The characters in the suffix column indicate the part usage.

YZ		XX	A
REF.NO	PARTS NO.	KANRI NO. DESCRIPTION	SUFFIX
C 201 C 202	87-010-196-080 87-010-196-080	CHIP CAPACITOR, 0.1-25 CHIP CAPACITOR, 0.1-25	
C 201	87-016-669-080	C-CAP,S 0.1-25 K B	A
C 202 C 221	87-016-669-080 87-010-498-040	C-CAP,S 0.1-25 K B CAP,E 10-16 GAS	A
C 222	87-010-458-040	CAP,E 22-16 GAS	
C 221 C 222 C 251 C 251	87-010-197-080	CAD CHID O O1 DM	A
C 251 C 252	87-010-497-040 87-012-140-080	CAP, CHIP 0.0 BM CAP, E 4.7-35 GAS CAP 470P C-ZENER, UDZ6.2B CHIP-DIODE, DAN202K C-ZENER, UDZ6.2B C-ZENER, UDZ6.2B C-ZENER, UDZ6.2B C-ZENER, UDZ6.2B C-ZENER, UDZ7.5B C-IC, CXP84632-138Q C-IC, CXP84632-143Q C-IC, CXP84632-143Q C-IC, TC74HC365AF C-COIL, 10UH K LQH3C24 P-TR, PT4850F SNSR, GP1S94 C-TR, UPA608T C-TR, UPA608T C-TR, DTA124EKA CHIP TR, 2SC2712GR C-TR, DTC124EKA	A
D 201	87-A40-196-080	C-ZENER, UDZ6.2B	A
D 251 D 254	87-020-331-080 87-A40-196-080	CHIP-DIODE, DAN202K C-ZENER, UDZ6.2B	A A
D 253	87-A40-196-080	C-ZENER, UDZ6.2B	A
D 255 D 252	87-A40-196-080 87-A40-602-040	C-ZENER, UDZ6.2B C-ZENER, UDZ7.5B	A
IC 201	8Z-KM3-690-010	C-IC, CXP84632-138Q	
IC 201	8Z-KM3-691-010	C-IC, CXP84632-143Q	A
IC 251 L 201	87-A21-158-040 87-A50-536-080	C-IC,TC74HC365AF C-COIL,10UH K LOH3C24	A A
PD 201	87-026-674-010	P-TR, PT4850F	A
PS 201 O 201	87-A90-244-010 87-026-648-080	SNSR,GP1S94 C-TR,UPA608T	A A
Q 203	87-A30-272-040	C-TR, DTA124EKA	
Q 202	89-327-125-080	CHIP TR, 2SC2712GR	A
Q 222 0 221	87-A30-273-040 87-A30-275-040	C-TR,DTC124EKA C-TR,2SB1123	
Q 252	87-A30-272-040	C-TR,DTA124EKA	A
Q 251 Q 253	89-327-125-080 89-327-125-080	CHIP TR,2SC2712GR CHIP TR,2SC2712GR	A A
ŠW 203	87-036-110-010	PUSH SWITCH	A
SW 202 SW 204	87-036-110-010 87-036-312-080	PUSH SWITCH C-SW,PUSH 102MH4	A A
SW 204 SW 201	87-A91-155-010	SW TACT SKHHI.O	Δ
X 200	87-A70-200-080	C-VIB, CER 12MHZ CSTCV12MTJ0C4	A
C 107	8Z-KM1-232-010 87-010-184-080	HLDR,LED CHIP CAPACITOR 3300P(K)	A A
C 107	87-010-186-080	CAP, CHIP 4700P	
C 105 C 104	87-010-196-080 87-010-196-080	CHIP CAPACITOR, 0.1-25 CHIP CAPACITOR, 0.1-25	
C 106	87-010-196-080	CHIP CAPACITOR, 0.1-25	
C 102 C 101	87-010-499-040 87-010-550-040	CAP,E 22-6.3 GAS CAP,E 100-6.3 GAS	A
C 105 C 104 C 106 C 102 C 101 C 109 C 103 C 108	87-010-350-040	C-CAP, S 220P-50 CH	A
C 103	87-016-350-040	CAP,E 470-4 MA GAS	
C 108 C 108	87-016-526-080 87-016-669-080	C-CĀP,S 0.47-16 BK C-CAP,S 0.1-25 K B	A
C 106	87-016-669-080	C-CAP,S 0.1-25 K B	A
C 105 C 104	87-016-669-080 87-016-669-080	C-CAP,S 0.1-25 K B C-CAP,S 0.1-25 K B	A A
C 103	87-A12-154-010	CAP,E 470-4 M 7L SRA	A
C 117 C 118	87-010-176-080 87-010-176-080	C-CAP,S 680P-50 SL C-CAP,S 680P-50 SL	A A
C 110	87-010-176-080	CHIP CAPACITOR 3300P(K)	A
C 112	87-010-196-080	CHIP CAPACITOR, 0.1-25	
C 113 C 111	87-010-318-080 87-010-992-080	C-CAP,S 47P-50 CH C-CAP,S 0.047-25 B	A
C 116	87-012-154-080	C-CAP,S 150P-50 CH	A
C 115 C 112	87-012-154-080 87-016-669-080	C-CAP,S 150P-50 CH C-CAP,S 0.1-25 K B	A A
C 155	87-010-178-080	CHIP CAP 1000P	
CC CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	87-010-318-080 87-010-880-080	C-CAP,S 47P-50 CH C-CAP,E 47-6.3 MF	
C 157	87-010-880-080	C-CAP,E 47-6.3 MF	
C 154 C 158	87-010-880-080 87-010-992-080	C-CAP,E 47-6.3 MF C-CAP,S 0.047-25 B	A
C 158	87-012-156-080	C-CAP,S 220P-50 CH	A
C 157	87-012-156-080	C-CAP,S 220P-50 CH	A
C 153 C 156	87-016-669-080 87-016-669-080	C-CAP,S 0.1-25 K B C-CAP,S 0.1-25 K B	A
C 152	87-016-669-080	C-CAP,S 0.1-25 K B	A
C 155 C 153	87-016-669-080 87-A10-711-080	C-CAP,S 0.1-25 K B C-CAP,E 100-6.3 M MF	A A
C 152	87-A10-711-080	C-CAP,E 100-6.3 M MF	
C 151 C 160	87-A10-711-080 87-010-317-080	C-CAP,E 100-6.3 M MF C-CAP,S 39P-50 CH	A
C 161	87-012-156-080	C-CAP,S 39F-30 CH C-CAP,S 220F-50 CH	
C 166 C 161	87-016-669-080 87-016-669-080	C-CAP,S 0.1-25 K B C-CAP,S 0.1-25 K B	A A
C 161	87-016-669-080	C-CAP,S 0.1-25 K B	A
C 165	87-016-669-080	C-CAP, S 0.1-25 K B	A
C 162 C 172	87-A12-031-080 87-010-149-080	C-CAP,E 33-10 M MF C-CAP,S 5P-50 CH	A
Č 171	87-012-156-080	C-CAP, S 220P-50 CH	
C 181 C 404	87-016-669-080 87-010-178-080	C-CAP,S 0.1-25 K B CHIP CAP 1000P	
C 403	87-010-196-080	CHIP CAPACITOR, 0.1-25	

ELECTRICAL MAIN PARTS LIST - 2/3

ELECTRICAL MAIN PARTS LIST - 3/3

C	306	87-015-696-040	CAP,E 2.2-50 SRA CAP,E 2.2-50 SRA CHIP CAPACITOR,0.1-25 CHIP CAPACITOR,0.1-25 CAP,E 100-6.3 GAS CAP,E 100-6.3 GAS CAP,E 47-16 GAS C-CAP,S 0.1-25 K B C-CAP,S 0.1-25 K B IC,NJM4558MD C-COIL, 10UH K LQH3 C-COIL, 10UH K LQH3 C-TR,DTC124EKA TR,2SA1702 TR,2SD1623 PWB,FLEX DIN (ZKM4) FF-CABLE,2P (SENS KM4) FF-CABLE,30P 0.5 80MM C-CONN,26P SFR26R1ST	<u>A</u>
C	305	87-015-696-040	CAP, E 2.2-50 SRA	A
C	322	87-010-196-080	CHIP CAPACITOR, 0.1-25	
C	324	87-010-196-080	CHIP CAPACITOR, 0.1-25	<u>.</u>
C	325	87-010-550-040	CAP, E 100-6.3 GAS	<u>A</u>
C	323	87-010-550-040	CAP, E 100-6.3 GAS	<u>A</u>
C	321	87-010-553-040	CAP, E 47-16 GAS	<u>A</u>
C	322	87-016-669-080	C-CAP,S 0.1-25 K B	<u>A</u>
<u>C</u> _	324	87-016-669-080	C-CAP,S 0.1-25 K B	<u>A</u>
ΙC	301	87-017-888-080	IC,NJM4558MD	A
Ŀ	301	87-003-184-080	C-COIL, 10UH K LQH3	<u>.</u>
Ļ	301	87-A50-536-080	C-COIL, 10UH K LQH3C24	<u>A</u>
Q	622	87-A30-273-040	C-TR,DTC124EKA	<u>A</u>
Q	621	87-A30-317-080	TR, 2SA1702	<u>A</u>
Q	623	89-423-952-010	TR, 2SD2395E	A
QQQQ*	631	87-A30-371-040	C-TR,2SD1623	A
		8Z-KM4-606-010	PWB, FLEX DIN (ZKM4)	A
*		8Z-KM4-608-010	F-CABLE, 2P (SENS KM4)	A
*		8Z-KM4-616-010	FF-CABLE, 30P 0.5 80MM	A
CN	101	87-A60-918-080	C-CONN, 26P SFR26R1ST	<u>.</u>
$\overline{\text{CN}}$	101	87-A61-155-080		
J	901	8Z-KM3-638-010	JACK, DIN 13 P TCS5125-014151	A
W	101	8Z-KM4-607-010	FF-CABLE, 26 (SENS RM4) FF-CABLE, 30P 0.5 80MM C-CONN, 26P SFR26R1ST C-CONN, 30P H XF2H-3015-1 JACK, DIN 13 P TCS5125-014151 FF-CABLE, 26P 0.8 80MM CHIP CAP 1000P	<u>.</u>
C	307	87-010-178-080	CHIP CAP 1000P	<u>A</u>
C	308	87-010-178-080	CHIP CAP 1000P	<u>A</u>
C	303	87-010-318-080	C-CAP,S 47P-50 CH	A
C	304	87-010-318-080	C-CAP, S 47P-50 CH	A
C	301	87-010-552-040	CAP, E 22-16 GAS	A
C	302	87-010-552-040	CAP,E 22-16 GAS	A
C	306	87-015-696-040	CAP,E 2.2-50 SRA	<u>A</u>
C	305	87-015-696-040	CAP, E 2.2-50 SRA	A
C	322	87-010-196-080	CHIP CAPACITOR, 0.1-25	
C	324	87-010-196-080	CHIP CAPACITOR, 0.1-25	<u>.</u>
C	323	87-010-550-040	CAP,E 100-6.3 GAS	A
C	325	87-010-550-040	CAP, E 100-6.3 GAS	A
C	321	87-010-553-040	CAP,E 47-16 GAS	<u>.</u>
C	321	87-010-555-040	CAP,E 100-10 GAS	<u>A</u>
C	322	87-016-669-080	C-CAP,S 0.1-25 K B	<u>A</u>
C	324	87-016-669-080	C-CAP,S 0.1-25 K B	<u>A</u>
C	901	87-010-197-080	CAP, CHIP 0.01 DM	<u>A</u>
<u>C</u> _	902	87-016-669-080	C-CAP,S 0.1-25 K B	<u>A</u>
ΙC	301	87-017-888-080	IC,NJM4558MD	A A A A A A A A A A A A A A A A A A A
L	301	87-003-184-080	C-COIL, 10UH K LQH3	· · · · · · · · · · · · · · · · · · ·
$_{ m L}$	301	87-A50-536-080	C-COIL,10UH K LQH3C24	A

MECHANICAL PARTS LIST - 1 / 1

 ${\tt NOTE:}$ The characters in the suffix column indicate the part usage.

YZ			A
REF.NO	PARTS NO.	NO. DESCRIPTION	SUFFIX
		KANRI	
	8Z-KM2-203-010 8Z-KM2-204-010 8Z-KM2-205-010	HLDR,DECK L6 HLDR,DECK R6 S-SCREW,M3-5-10	A A A
	8Z-KM2-207-010 8Z-KM2-208-010 8Z-KM2-209-010	COVER, PLATE 6 COVER, DECK 6 S-SCREW,M3-7-7	A A
W 101	8Z-KM1-232-010	HLDR, LED FF-CABLE, 26P 0.8 80MM	A

ACCESSORIES / PACKAGE LIST - 1 / 1

NOTE: The characters in the suffix column indicate the part usage.

YZA......A......

YZ			
REF.NO	PARTS NO.	KANRI NO. DESCRIPTION	SUFFIX
	8Z-KM4-901-010 8Z-KM4-904-010 8Z-KM4-905-010 8Z-KM4-906-010 8Z-KM4-908-010 8Z-KM4-908-010 8Z-KM1-210-110 8Z-KM1-210-110 8Z-KM1-218-010 8Z-KM2-202-010 8Z-KM2-206-010 8Z-KM4-651-010	IB,YU(3L) -I IB,YZ(9L) -I EXM IB,YZ(9L) EXM IB,YU(3L) 65 -I	AAAAAAAAAA.

ELECTRICAL MAIN PARTS LIST - 1 / 1 (8ZG - 3 RNF)

NOTE: The characters in the suffix column indicate the part usage.

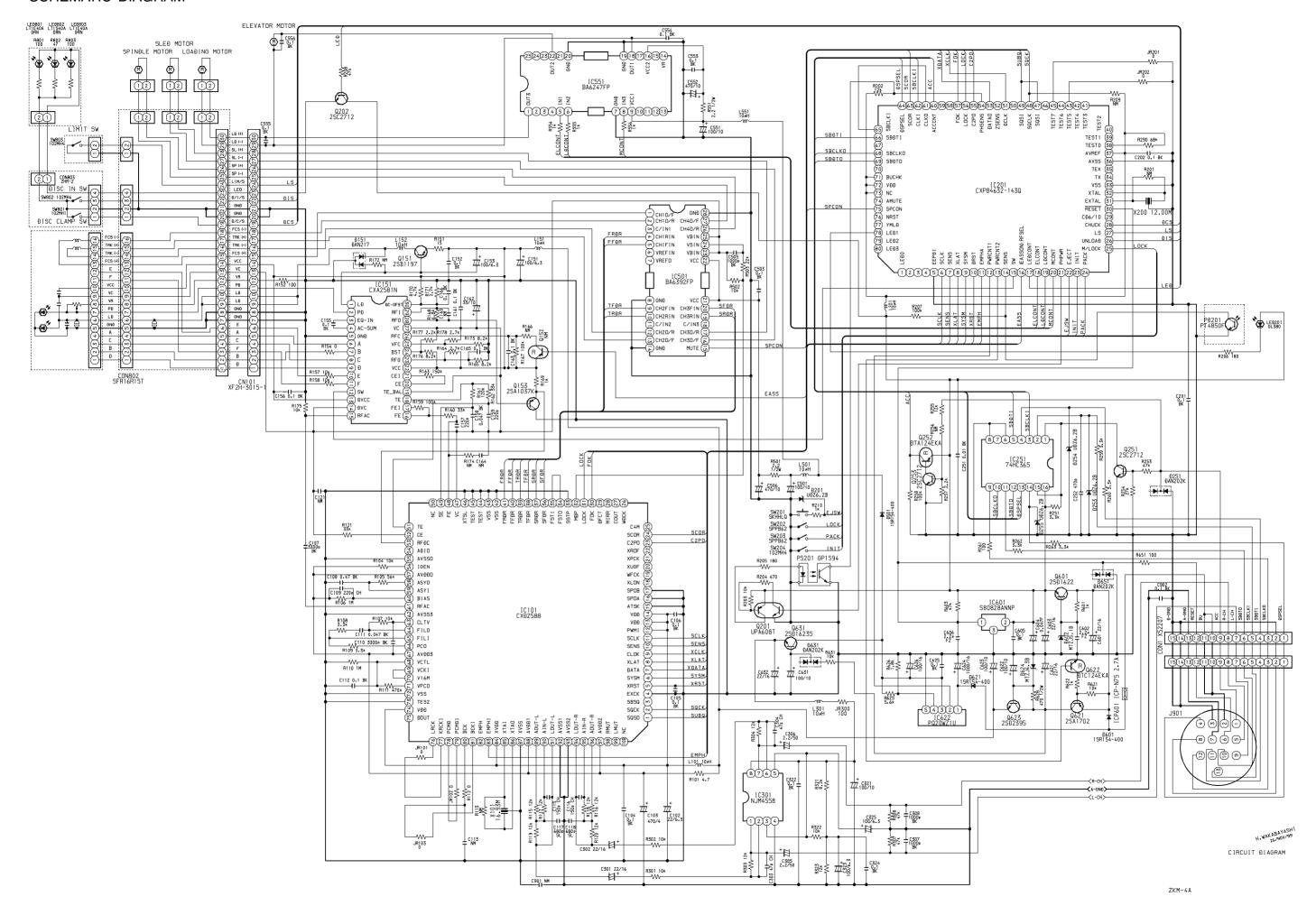
RNF		.xx	A
		KANRI	
REF.NO	PARTS NO.	NO. DESCRIPTION	SUFFIX
		0E PW,1.5-3.5-0.5	A
	87-261-031-410		A
	87-262-545-310	0E V+2-2.5 0E W-P,2.15-3.5-0.5	A A
	88-ZG3-211-110	1H CHAS ASSY, ELV	A
	88-ZG3-221-010		A
	88-ZG3-226-010		<u>A</u>
	88-ZG3-231-010 88-ZG3-236-010	1B LEVER ASSY, CKG	A A
	88-ZG3-246-010	1B PLATE ASSY, CKG-R	A
		1A CLAMP ASSY,	A
	88-ZG3-275-010		A
	88-ZG3-276-310 88-ZG3-311-010		A A
	88-ZG3-311-010		A
	88-ZG3-313-010		A
	88-ZG3-314-010		A
	88-ZG3-315-210 8Z-KM1-214-010		A A
	87-067-310-010		A
	87-261-031-410		A
	87-262-545-310		A
	87-571-032-410 87-B10-272-010		A A
		2A CHAS ASSY, MAIN	A
	88-ZG3-251-010	1H CHAS ASSY, TOP	A
			A
	88-ZG3-Z73-110 88-ZG3-274-010	1B PLATE,ELV-R 0E PLATE,LOCK SW	A A
	88-ZG3-277-010		A
	88-ZG3-278-010	OE PLATE, EJECT	<u>A</u>
	88-ZG3-301-010 88-ZG3-302-010		Α
	88-ZG3-303-010		A A
	88-ZG3-304-010	OE GEAR, ELV-F	A
	88-ZG3-305-010		A
	88-ZG3-306-210 88-ZG3-331-010		A A
	88-ZG3-351-010		A
	88-ZG3-352-010	OE SPR-E,LOCK SW	A
	88-ZG3-353-010		A
	87-067-869-010 88-ZG3-001-210		A A
			A
	88-ZG3-003-210	•	A
	88-ZG3-279-210		A
	87-A91-054-010 8Z-KM3-623-110		A A
	8Z-KM3-625-010	1B F-CABLE,4P (SWITCH)	A
CON 803	87-009-863-010	OE CONN, 2P ZH WHT	A
LED 803 LED 801	87-A40-319-080 87-A40-319-080		
LED 801 LED 802	87-A40-319-080 87-A40-320-080		
SW 801	87-036-269-080	1A SW, PUCH ESE102MH1	
SW 802		1A C-SW, PUSH 102MH4	
SW 801 SW 802	87-036-269-080 87-036-312-080	1A SW,PUCH ESE102MH1 1A C-SW,PUSH 102MH4	A A
LED 803	87-A40-319-080	OE C-LED,LT1E40A GRN	A
LED 801	87-A40-319-080	OE C-LED,LT1E40A GRN	A
LED 802	87-A40-320-080	OE C-LED,LT1H4OA Y	A

ELECTRICAL MAIN PARTS LIST - 1 / 1 (8ZG - 8 RNF)

NOTE: The characters in the suffix column indicate the part usage.

RNF					
REF.	NO	PARTS NO.	KANRI NO.	DESCRIPTION	SUFFIX
		87-067-800-010	PW 1	5-3.5-0.25SLT	A
		87-078-018-010		55-3.6-0.25	A
		87-262-523-310		7-2_3 BLK	<u>A</u>
		87-262-547-310		-3 BLK	A
		87-352-529-310		-1.7-4.0 BLK	A
		87-571-032-410 88-ZG3-256-110	VIT		A
		88-ZG3-Z56-110	CLR,	ER ASSY, ATK-F	A A
		88-ZG3-317-010		LEVER ATK	A
		88-ZG3-354-010		E, LEVER ATK	A
		88-ZG8-401-210		S ASSY, MECHA	A
		88-ZG8-411-110		·P, LEAD	A
		88-ZG8-412-010	SPR-	P,PICKUP	A
		88-ZG8-421-010	TURN	I ŤABLE,	A
		88-ZG8-422-010		R, MECHA 1	A
		88-ZG8-423-010		R,MECHA 2	A
		88-ZG8-424-010		R, MECHA 3	A
		88-ZG8-425-010		DE, PICKUP	A
		88-ZG8-426-010		R, LEAD	A
		88-ZG8-427-010		R, MOT MECHA	A
		88-ZG8-428-110	LEVE	ER,PUSH SW FT,LEAD	A
		88-ZG8-431-010 88-ZG8-432-010	SHAI C_C(CREW, V+1.7-5 IB LOCK	A A
		88-ZG8-432-010	2-a(CREW, V+1.7-5 16 LOCK	A
		87-A90-926-010		RF-3L0PA	A
		87-A90-927-010		KUP,KSS-540A	
		87-A91-054-010		FF-050SK	A
*		8Z-KM3-622-010	PWB.	FLEX PICK UP	
*		8Z-KM3-624-010	F-C <i>Í</i>	ABLE,2P (LIMIT)	A
*		8Z-KM4-631-010		FLEX PICK UP (AK)	A
PU	0	87-A91-630-010	PICE	KUP,KSS-710A	A
		87-A60-918-080		NN,26P SFR26R1ST	
		87-A60-919-080		NN,16P SFR16R1ST	<u>.</u>
CON		87-A61-155-080	C-CC	NN,30P H XF2H-3015-1	A
CON		87-A61-240-080		ONN,16P H FLZ-RSM1-TB	A
SW	803	87-036-312-080	C-SV	,PÚSH 102MH4	A

SCHEMATIC DIAGRAM



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